

**Notice of Allowability**

Application No.

10/826,340

Examiner

Phuongchi Nguyen

Applicant(s)

OSADA, TSUYOSHI

Art Unit

2833

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to \_\_\_\_\_.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☒ The drawings filed on 19 April 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**ROSS GUSHI**  
**PRIMARY EXAMINER**

***EXAMINERS AMENDMENT AND REASONS FOR ALLOWANCE***

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Donald R. Studebaker on December 23, 2004.

2. The application has been amended as follows:

Claim 1, lines 5-6, "a first cam groove, a second cam groove" has been changed to -- a first guide rail, a second guide rail -- .

Claim 1, line 8, after "the first sliding guide rail, ", insert -- a first cam groove for receiving the first cam follower projection and a second cam groove for receiving the second cam follower projection, -- .

Claim 7, lines 5-6, "a first cam groove, a second cam groove" has been changed to -- a first guide rail, a second guide rail -- .

Claim 7, line 8, after "the first sliding guide rail, ", insert -- a first cam groove for receiving the first cam follower projection and a second cam groove for receiving the second cam follower projection, -- .

Claim 13, lines 6-7, "a first cam groove, a second cam groove" has been changed to -- a first guide rail, a second guide rail -- .

Claim 13, line 9, after "the first sliding guide rail, ", insert -- a first cam groove for receiving the first cam follower projection and a second cam groove for receiving the second cam follower projection, -- .

3. Claims 1-18 are allowed.

4. The following is an examiner's statement of reasons for allowance: None of prior art teach or suggest a lever-type electrical connector assembly that reduces required connecting mating forces comprising a slide lever housing and the cover housing pivotally mounted on the base housing, a base housing connecting to the first connector, a second sliding projection of the cover housing engaged in the second sliding guide rail of the slide lever housing and a first sliding projection of the slide lever housing engaged in the first sliding guide rail of the base housing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchi Nguyen whose telephone number is (571) 272-2012. The examiner can normally be reached on 8:00AM-4:00PM.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PCN

December 22, 2004.

ROSS GUSHI  
PRIMARY EXAMINER



**EXAMINERS AMENDMENT AND REASONS FOR ALLOWANCE**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Donald R. Studebaker on December 23, 2004.

2. The application has been amended as follows:

Claim 1, lines 5-6, "a first cam groove, a second cam groove" has been changed to --a

A<sub>1</sub> first guide rail, a second guide rail --.

Claim 1, line 8, after "the first sliding guide rail, ", insert --/a first cam groove for receiving the first cam follower projection and a second cam grove for receiving the second cam follower projection, --.

Claim 7, lines 5-6, "a first cam groove, a second cam groove" has been changed to --a

A<sub>3</sub> first guide rail, a second guide rail --.

Claim 7, line 8, after "the first sliding guide rail, ", insert --/a first cam groove for receiving the first cam follower projection and a second cam grove for receiving the second cam follower projection, --.

Claim 13, lines 6-7, "a first cam groove, a second cam groove" has been changed to --a

A<sub>5</sub> first guide rail, a second guide rail --.

Claim 13, line 9, after "the first sliding guide rail, ", insert -- a first cam groove for receiving the first cam follower projection and a second cam groove for receiving the second cam follower projection, --.

3. Claims 1-18 are allowed.

4. The following is an examiner's statement of reasons for allowance: None of prior art teach or suggest a lever-type electrical connector assembly that reduces required connecting mating forces comprising a slide lever housing and the cover housing pivotally mounted on the base housing, a base housing connecting to the first connector, a second sliding projection of the cover housing engaged in the second sliding guide rail of the slide lever housing and a first sliding projection of the slide lever housing engaged in the first sliding guide rail of the base housing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchi Nguyen whose telephone number is (571) 272-2012. The examiner can normally be reached on 8:00AM-4:00PM.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PCN

December 22, 2004.